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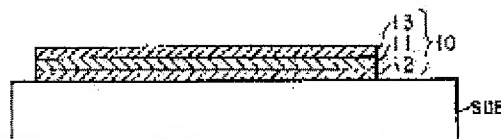
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(54) MULTILAYER CONDUCTIVE FILM, TRANSPARENT ELECTRODE PLATE USING SAID FILM, AND LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To make conductivity excellent, reduce deterioration with time, and improve preservation stability by forming independent transparent oxide films, which are formed on first and second faces of a silver film, out of a mixed oxide of an indium oxide and a specified metal element.

SOLUTION: A multilayer conductive film 10 is formed of a silver film 11 formed of a silver metal material and first and second transparent oxide films 12 and 13 formed on the first and second faces of the film 11. The multilayer conductive film 10 is formed on a base plate SUB. The first and second transparent oxide films 12 and 13 are formed of a mixed oxide which contains a first metallic oxide material consisting of an indium oxide and a second metallic oxide material consisting of an oxide of a metal element having no



solid solution area relating with silver substantially. Accordingly, a conductive film which is excellent in conductivity and preservation stability and deteriorates with time only a little can be produced. It can be used as excellent transparent electrode and light reflective electrode of a liquid crystal display device.

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